Register your product and get support at www.philips.com/welcome

MCM169/12



EN User manual

PHILIPS

English

Safety

- Read these instructions.
- Keep these instructions.
- 1 2 3 4 5 6 7 Heed all warnings.
- Follow all instructions
- Do not use this apparatus near water.

Important

- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
- (8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- (9) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



12 Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Battery usage CAUTION - To prevent battery leakage which

may result in bodily injury, property damage, or damage to the unit:

Install all batteries correctly, + and - as marked on the unit. Do not mix batteries (old and new or carbon and alkaline, etc.).

Remove batteries when the unit is not used for a long time.

Apparatus shall not be exposed to dripping or splashing. 15

Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

(17) This product may contain lead and mercury. Disposal of

these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries

Alliance: www.eiae.org. operable.

Where the MAINS plug or an appliance coupler is used as the (18) disconnect device, the disconnect device shall remain readily



- Never remove the casing of this Micro Hi-Fi. Never lubricate any part of this Micro Hi-Fi.
- Never place this Micro Hi-Fi on other electrical equipment.

adaptor to disconnect the Micro Hi-Fi from the power.

- Keep this Micro Hi-Fi away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the Micro Hi-Fi. Ensure that you always have easy access to the power cord, plug or



Caution

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Hearing safety

Listen at a moderate volume

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may
- have already experienced some hearing loss. Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level

before your hearing adapts and leave it there. To establish a safe volume level:

Listen for reasonable periods of time:

Set your volume control at a low setting.

Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
 Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Notice

This product complies with the radio interference requirements of the European Community. This product complies with the requirements of the following directives and guidelines: 2004/108/EC + 2006/95/EC



Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an



infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

Recycling

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.

When you see the crossed-out wheel bin symbol with the chemical symbol 'Pb', it means that the batteries comply with the requirement set by the directive for lead:



Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.



This Micro Hi-Fi includes this label:



Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

2 Your Micro Hi-Fi

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.Philips.com/welcome.

Introduction

With this Micro Hi-Fi, you can enjoy audio discs, USB devices, external devices, or radio stations.

The Micro Hi-Fi offers you multiple sound effect settings that enrich sound with Digital Sound Control (DSC) and Dynamic Bass Boost (DBB).

The Micro Hi-Fi supports the following media formats:





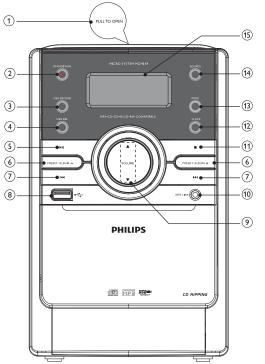


What's in the box

Check and identify the contents of your package:

- Main unit
- Loudspeaker boxes x 2
- Remote control
- MP3 link cable

Overview of the main unit



- PULL TO OPEN
 Open or close the disc tray.

 STANDBY-ON!
 Turn on the Micro Hi-Fi, switch to standby mode, or switch to Eco Power Standby.

 USB RECORD
 Record from a disc to a USB device.

 USB DEL
 Delete audio files stored on a USB device.
 - Start or pause play.
 - PRESET/ALBUM+/Select a preset radio station.
 Skip to the previous/next album.
 - Skip to the previous/next track.
 Search within a track/ disc/LISB
 - Tune to a radio station.Adjust time.
- (8) •• Jack for a USB mass storage device.
- YOLUME▲▼Adjust volume.

(5)

(6)

(7)

(10)

- MP3 LINKAudio input jack (3.5mm) for an external audio device.
- Stop play or erase a program.
- (12) CLOCK

Set the clock

- View the clock.
- During play, select display information.

PROG

- Program tracks. Program radio stations.

 - Select 12 hour or 24 hour format.

14) **SOURCE**

Select a source: Disc, tuner, USB or MP3 link.

(15) Display panel

Show current status.

Overview of the remote control 1 20 (19) (18) 2 3 4 5 6 7 8 (17) 6 5 6 5 9 (14) 10 (13) 12 11) **PHILIPS**

- POWER
 Turn on the Micro Hi-Fi, switch to standby mode, or switch to Eco Power standby.
- MODESelect repeat play or random play.

(1)

(4)

(5)

(8) DSC

(9)

(10)

- Select repeat play or random pla
 TIMER ON/OFF
 - Turn on or off alarm timer.

 USB RECORD
 - Record from a disc to a USB device.
 - **◄◄/▶▶**
 - Search within a track/ disc/USB.
 - Tune to a radio station.
 Adjust time.
- Start or pause play.
 - Select a preset sound setting: POP, JAZZ, CLASSIC or ROCK.
 - ALB/PRESET+/Skip to the previous/next album.
 - Skip to the previous/next album.
 Select a preset radio station.
- Mute volume.PROG

MUTF

- PROGProgram tracks.
- Program radio stations.
- Select 12 hour or 24 hour format.

- Set the clock.
 View the clock.
 During play, select display information.

 Numeric keypad
- Select a track from a disc directly.
 VOL +/-
- Adjust volume.

 15

CLOCK/DISPLAY

(13)

(17)

(19)

20)

- Stop play or erase a program.

 (6) DBB
 - Turn on or off dynamic bass enhancement.
 - USB DELETE
 Delete audio files stored on a USB device.
- (18) TIMER

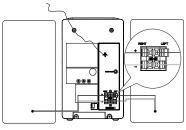
 Set the alarm timer.
 - set the alarm timer.
 - SLEEP

Set the sleep timer.

- Source selection keys (DISC, TUN, USB, MP3 LINK)
- Select a source: CD, tuner, USB or MP3 link.

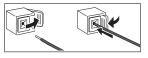
3 Connect

Connect speakers



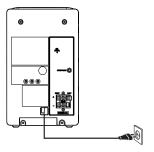


- Insert the stripped portion of each speaker wire into the socket completely.
- For optimal sound, use the supplied speakers only.
- Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the Specifications section of this manual.
- 1 For the right speaker, find the sockets on the main unit marked 'RIGHT'.
- Insert the red wire to the red (+) socket. To insert each speaker wire:
 - 1) Hold down the socket flap.
 - (2) Insert the speaker wire fully.
 - (3) Release the socket flap.



- Insert the black wire into the black (-) socket.
- For the left speaker, find the sockets on the main unit marked 'I FFT'
- 5 Repeat steps 2-3.

Connect power





- Risk of product damagel Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the Micro Hi-Fi.
 - Before connecting the AC power cord, ensure you have completed all other connections.

- 1 Connect the AC power cord to the wall socket.
- 4 Get started



· Use the controls only as stated in this user manual.

Always follow the instructions in this chapter in sequence. If you contact Philips, you will be asked for the model and serial number of your Micro Hi-Fi. The model number and serial number are on the back of your Micro Hi-Fi. Write the numbers here:

Model No. _____

Serial No. _____

Prepare the remote control

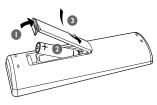


 Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.

To replace the remote control battery:

Open the battery compartment.

Insert 2 AAA batteries with correct polarity (+/-) as indicated.





2

Note

 If you are not going to use the remote control for a long time, remove the batteries.

Auto install radio stations

When you connect power and no radio stations are stored, the Micro Hi-Fi automatically begins to store radio stations.

- 1 Connect the Micro Hi-Fi to the power supply.
 - → [AUTO INSTALL PRESS PLAY] (auto install press the PLAY button) is displayed.
 - Press II on the main unit to start installation.
 - → [AUTO] (auto) is displayed.
 - → The Micro Hi-Fi automatically stores radio stations with sufficient signal strength.
 - When all the available radio stations are stored, the first preset radio station is broadcast automatically.

Set clock Press and hold CLOCK/DISPLAY to activate the clock setting mode. → The 12 hour or 24 hour format is displayed.

Press **PROG** repeatedly to select 12 hour or 24 hour format.

Press CLOCK/DISPLAY to confirm.

→ The hour digits are displayed and begin to blink.

Press to set the hour.

Press CLOCK/DISPLAY to confirm.

→ The minute digits are displayed and begin to blink.

Press CLOCK/DISPLAY to confirm



 To view the clock during play, press CLOCK/DISPLAY repeatedly until the clock is displayed.

Turn on

Press **POWER**.

→ The Micro Hi-Fi switches to the last selected source.

Switch to standby

D POWER : THE ME HEET A HEAT

1 Press POWER to switch the Micro Hi-Fi to standby mode.

→ The backlight on the display panel is dimmed.

→ The clock (if set) appears on the display panel.

To switch the Micro Hi-Fi to Eco Power Standby mode:

Press and hold POWER for more than 2 seconds.

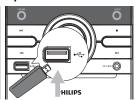
→ The backlight on the display panel turns off.

5 Play

Play disc

- 1 Press **DISC** to select the disc source.
 - Lift the lid of the CD compartment.
 - Insert a disc with the printed side facing up, then close the disc tray.
 - Press ▶II to start play.
 - To pause/resume play, press ► II.
 - To stop play, press .

Play from USB





- Ensure that the USB device contains playable audio contents for supported formats.
- 1 Insert the USB plug of a USB device into •<-- the socket.
- 3 Press ALB/PRESET+/- to select a folder.

- Press to select a file.

 Press to start play.
- 6 Play options

Skip to a track

For CD:

- Press I I to select another track.
 - To select a track, you can also press a numeric button.

For MP3 disc and USB:

- Press ALB/PRESET+/- to select an album or folder.
- Press I → I to select select a track or file.

Search within a track

- During play, press and hold ◀◀/▶▶.
- 2 Release to resume normal play.

Display play information

 During play, press CLOCK/DISPLAY repeatedly to select different play information.

Repeat and random play

- 1 Press MODE repeatedly to select:
 - [REP] (repeat): the current track is played repeatedly.
 - [REP ALL] (repeat all): all tracks are played repeatedly.
 - [SHUF] (shuffle): all tracks are played randomly.
- To return to normal play, press MODE repeatedly until play mode is no longer displayed.



Shuffle play cannot be selected when you play programmed tracks.

Program tracks

You can program a maximum of 40 tracks.

- At CD/USB mode, in the stop position, press PROG to activate the program mode.
 - → [PROG] (program) blinks on the display.
- For MP3/WMA tracks, press ALB/PRESET+/- to select an album.
 Press I√ ► Ito select a track number; then press PROG to confirm.
- 4 Repeat steps 2 to 3 to select and store all tracks to program.
 - Press ► II to play the programmed tracks.
 - During play, [PROG] (program) is displayed.
 - To erase the program, in the stop position, press \blacksquare .

7 Adjust volume level and sound effect

Adjust volume level

During play, press VOL +/- to increase/decrease the volume level.

Select a preset sound effect

- 1 During play press DSC repeatedly to select:
 - [POP] (pop)
 - [JAZZ] (jazz)
 - [CLASSIC] (classic)
 - [ROCK] (rock)

Enhance bass

- During play, press **DBB** to turn or or off dynamic bass enhancement.
 - → If DBB is activated, DBB is displayed.

Mute sound

During play, press MUTE to mute/unmute sound.

8 Listen to radio

Tune to a radio station

- Press **TUN** repeatedly to select FM or MW.
 - Press and hold ◀◀▶▶ for more than 2 seconds.
 - → [SEARCH] (search) is displayed.
 - → The radio tunes to a station with strong reception automatically.
- 3 Repeat step 2 to tune to more stations.
 - To tune to a weak station, press ◄◄/>> repeatedly until you find optimal reception.

Program radio stations automatically

You can program a maximum of 40 preset radio stations.

- In the tuner mode, press and hold **PROG** for 2 seconds to
 - activate automatic program mode.

 → [AUTO] (auto) is displayed.
 - → All available stations are programmed in the order of waveband reception strength.
 - → The first programmed radio station is broadcast automatically.

Program radio stations manually

You can program a maximum of 40 preset radio stations.

Tune to a radio station

Press **PROG** to activate program mode.

→ [PROG] (program) blinks on the display.

Press ALB/PRESET+/- to allocate a number to this radio station, then press PROG to confirm.

The preset number and the frequency of the preset station are displayed.



2

3

Repeat the above steps to program other stations.

Select a preset radio station

In tuner mode, press ALB/PRESET+/- to select a preset number.

To overwrite a programmed station, store another station in its place.



- Position the antenna as far as possible from TV,VCR or other radiation
- source.For optimal reception, fully extend and adjust the position of the antenna.

9 USB record

You can record the audio files on a disc into a USB device. Audio CD tracks and MP3 files are recorded in .mp3 format, and WMA files are recorded in .wma format.

The first time you record to USB, a folder called 'PHILIPS' is automatically created in the USB device. Each time you record to USB, the recorded files are stored in a sub-folder in the 'PHILIPS' folder. Files and sub-folders are named numerically in the order in which they are created

Auto record from CD to USB

- 1 Press DISC to select the disc source.
- 2 Load a disc.
 - To select a track from which a recording starts, press the numeric buttons
- Plug the USB device into socket of this Micro Hi-Fi.
- Press USB RECORD repeatedly to select:
 [RECORD ONE] (record one): the first/current track is
 - recorded.
 [RECORD ALL] (record all): all tracks/the remaining tracks
 - [RECORD ALL] (record all): all tracks/the remaining track are recorded.
 - Disc play starts automatically from the beginning of the disc/ the selected track, and the recording starts.
 - ullet To stop recording, press llet .



 If the USB device does not have enough memory to store the CD track, [MEMORY FULL] (memory full) is displayed.

Other features

Set the alarm timer

This Micro Hi-Fi can be used as an alarm clock The DISC TUNER or USB is activated to play at a preset time.

- 1 2 3 4 Ensure that you have set the clock correctly.
 - Press and hold TIMFR
 - Press DISC, TUN or USB to select a source.
 - Press TIMFR to confirm
 - → The hour digits are displayed and begin to blink.
 - Press **44/** to set the hour
- Press TIMER to confirm.
 - The minute digits are displayed and begin to blink.
- Press \(\delta \rightarrow\righta
 - Press TIMER to confirm.
 - → The timer is set and activated.

Activate and deactivate the alarm timer

- Press TIMER ON/OFF repeatedly to activate or deactivate the timer
 - If the timer is activated, the display shows \oplus .
 - If the timer is deactivated, in disappears on the display.



- In MP3 link mode, the alarm timer cannot be set.
- If disc source is selected and the track cannot be played, tuner is activated automatically.

Set the sleep timer

This Micro Hi-Fi can switch to standby automatically after a set period of time.

When the Micro Hi-Fi is turned on, press SLEEP repeatedly to select a set period of time (in minutes). When sleep timer is activated, the display shows zzZ.

To deactivate sleep timer

player.

3

Press SLEEP repeatedly until "0" is displayed. When sleep timer is deactivated, zz^Z disappears on the display.

Listen to an external device

You can listen to an MP3 player through this Micro Hi-Fi.

1 Press MP3 LINK to select MP3 link source 2 Use an MP3 link cable (supplied) to connect MP3 LINK jack (3.5mm) on this Micro Hi-Fi and the headphone jack on an MP3

Delete files in the USB device

During USB play, press ✓ Ito select a track.

Press USB DFI FTF

DELETE again to confirm.

→ A confirmation message is displayed.

When the above confirmation message is displayed, press USB

To cancel, press .

After you delete the file, the USB play stops.

Product information



Product information is subject to change without prior notice.

Specifications

| Amplifier | |
|-----------------------|------------------|
| Rated Output Power | 2X5W RMS |
| Frequency Response | 60 - 16kHz, ±3dB |
| Signal to Noise Ratio | >65dB |
| Aux Input | 0.5 V RMS 20kohm |
| • | |

| Disc | |
|---------------------------|---------------------------------------|
| Laser Type | Semiconductor |
| Disc Diameter | 12cm/8cm |
| Support Disc | CD-DA, CD-R, CD-RW, MP3-CD, WMA-CD |
| Audio DAC | 24Bits / 44.1kHz |
| Total Harmonic Distortion | <1% |
| Frequency Response | 60Hz -16kHz (44.1kHz) |
| S/N Ratio | >65dBA |

| Turici | |
|---|---|
| Tuning Range | FM: 87.5 - 108MHz; MW: 531 - 1602kHz |
| Tuning grid | 50KHz (FM); 9KHz (MW) |
| FM | |
| Sensitivity - Mono, 26dB S/N Ratio - Stereo, 46dB S/N Ratio | <22 dBf <43 dBf |
| Search Selectivity | >28dBf |
| Total Harmonic Distortion | <3% |
| Signal to Noise Ratio | >55dB |
| | |
| Speakers | |

4ohm

>82dB/m/W

3.5"woofer+0.8" tweeter

Tuner

Speaker Impedance

Speaker Driver

Sensitivity

| AC power | 220 - 230V, 50Hz | |
|--|--|--|
| Operation Power Consumption | 20VV | |
| Standby Power Consumption | <4W | |
| Eco Standby Power Consumption | <2W | |
| USB Direct | Version 2.0/1.1 | |
| Dimensions - Main Unit (W × H × D) - Speaker Box (W × H × D) | 147 ×231 × 209 mm 134 × 233 × 153 mm | |
| Weight - With Packing - Main Unit - Speaker Box | 4.75 kg 1.95 kg 2 × 1.2 kg | |
| USB playability information Compatible USB devices: | | |
| USB flash memory (USB 2.0 or USB flash players (USB 2.0 or memory cards (requires an add with this Micro Hi-Fi) | USB1.1) [^] | |
| Supported formats: USB or memory file format FA 512 bytes) MP3 bit rate (data rate): 32-320 WMA v9 or earlier | .T12, FAT16, FAT32 (sector size: 0 Kbps and variable bit rate | |
| Directory nesting up to a maxi Number of albums/ folders: maxin Number of tracks/titles: maxin | aximum 99 | |

File name in Unicode UTF8 (maximum length: 128 bytes)

General information

ID3 tag v2.0 or later

Unsupported formats:

Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display. Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored

and not played. AAC, WAV, PCM audio files

DRM protected WMA files (.wav. .m4a, .m4p, .mp4, .aac)

WMA files in Lossless format

Supported MP3 disc formats

ISO9660, Joliet

Maximum title number: 999 (depending on file name length) Maximum album number: 99

Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz

Supported Bit-rates: 32-320 (kbps), variable bit rates

ID3 tag v2.0 or later Directory nesting up to a maximum of 8 levels

Maintenance

Clean the cabinet

Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Clean discs

When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.

Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Clean the disc lens

After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good play quality, clean the disc lens with Philips CD

lens cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

12 Troubleshooting



Never remove the casing of this Micro Hi-Fi.

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this Micro Hi-Fi, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.Philips.com/support). When you contact Philips, ensure that your Micro Hi-Fi is nearby and the model number and serial number are available.

No power

- Ensure that the AC power plug of the Micro Hi-Fi is connected properly.
 - Ensure that there is power at the AC outlet.
- As a power-saving feature, the Micro Hi-Fi switches to standby automatically 15 minutes after disc/USB play reaches the end and no control is operated.

No sound or poor sound

- Adjust the volume.
- Disconnect the headphones.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

Left and right sound outputs reversed

Check the speaker connections and location.

No response from the Micro Hi-Fi

 Disconnect and reconnect the AC power plug, then turn on the system again. Before pressing any function button, first select the correct source with the remote control instead of the main unit Reduce the distance between the remote control and the Micro

Hi-Fi Insert the batteries with its polarities (+/- signs) aligned as indicated. Replace the batteries.

Aim the remote control directly at the sensor on the front of the Micro Hi-Fi

No disc detected Insert a disc

Remote control does not work

Check if the disc is inserted upside down. Wait until the moisture condensation at the lens has cleared.

Replace or clean the disc.

Use a finalized CD or correct format disc. Cannot display some files in USB device

The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.

The formats of these files are not supported.

USB device not supported

The USB device is incompatible with the Micro Hi-Fi.Try another one

Poor radio reception

- Increase the distance between the Micro Hi-Fi and your TV or VCR.
 - Fully extend the FM antenna.

Timer does not work

- Set the clock correctly. Switch on the timer

Clock/timer setting erased Power has been interrupted or the power cord has been

- disconnected
- Reset the clock/timer.



